

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	15012	713/189-194.ccls. 380/1,252-254,28-30.ccls. 726/22,26.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/19 09:48
S2	345	(obscur\$5 hid\$3) with (original\$2) with (calculation operation function)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/19 09:49
S3	34	S1 and S2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/19 09:49
S4	18	("4658093"   "4688169"   "4888798"   "5199066"   "5337357"   "5457746"   "5490216"   "5509071"   "5530751"   "5541991"   "5568552"   "5586186"   "5615061"   "5625690"   "5628015"   "5649187"   "5652793"   "5790664").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/19 09:51
S5	366	S1 and (valid\$7 verif\$7 authenticat\$3 compar\$3 match\$3) with (intermediat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/19 09:54
S6	265	S5 and (signature hash\$3 checksum\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/19 09:55
S7	147	S6 and (alter\$4 modif\$7 hid\$3 obscur\$5 chang\$3) with (function calculation operation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/19 09:56

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S8	11	("4993068"   "5588059"   "5850443").PN. OR ("6658569").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/19 12:49
S9	6	("4993068"   "5588059"   "5850443"   "6314409"   "6480959"   "6658569").PN. OR ("7050581").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/19 13:39
S10	15012	713/189-194.ccls. 380/1,252-254,28-30.ccls. 726/22,26.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/19 15:02
S11	366	S10 and (valid\$7 verif\$7 authenticat\$3 compar\$3 match\$3) with (intermediat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/19 15:02
S12	265	S11 and (signature hash\$3 checksum\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/19 15:02
S13	147	S12 and (alter\$4 modif\$7 hid\$3 obscur\$5 chang\$3) with (function calculation operation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/19 15:02
S14	118	S12 not S13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/19 15:02
S15	6553	(obfuscat\$3 obscur\$5) with (function calculation operation) and (valid\$7 verif\$7 check\$3 compar\$3 authenticat\$3 authoriz\$5) with (intermed\$5 function calculation operation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/19 15:28

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S16	314	S10 and S15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/19 15:28
S17	293	S16 not (S13 S14)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/19 15:28
S18	14	("20030040929" "20040186961" "5265163" "5265163" "5652892" "6088794" "6895502" "6920561").PN. ("20060200681").urpn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/19 15:35
S19	2018	(power near analysis dpa) and (valid\$7 verif\$7 check\$3 compar\$3 authenticat\$3 authoriz\$5) with (intermed\$5 function calculation operation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/21 13:39
S20	15039	713/189-194.ccls. 380/1,252-254,28-30.ccls. 726/22,26.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/21 13:39
S21	187	S19 and S20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/21 13:39
S22	24	"1011800"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/21 13:43
S23	4	("4799258" "6108419" "6504929" "6539092").PN.	USPAT	OR	ON	2010/07/21 13:57
S24	2	("2005/0021990").URPN.	USPAT	OR	ON	2010/07/21 13:59

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S25	18	("4405829" "5289397" "5987131" "5991415"  "6973190").PN. ("20040125949" "20040148325" "20040208 317" "20040215685" "20040254967" "2005 0157870" "20050163314" "20050175174" " 20060050868" "4405829" "5289397" "5987 131" "5991415" "6298442" "6724894" "697 3190" "7036010" "7065788").PN.	US-PGPUB; USPAT	OR	ON	2010/07/21 14:01
S26	13	("20010053220" "20020114451" "20030044 003" "20070058800" "5452358" "5796836" " 6278783" "6295606" "6694436").PN. ("20010053220" "20020114451" "20030044 003" "20040139136" "20040184604" "2006 0159257" "20070058800" "5452358" "5796 836" "6278783" "6295606" "6456963" "669 4436").PN.	US-PGPUB; USPAT	OR	ON	2010/07/21 14:08
S27	23	("20020051534" "20020124178" "20060056 622" "20070076864" "6028939" "6278783" " 6295606" "7206408" "7580519").PN. ("20020051534" "20020124178" "20030048 903" "20040025032" "20040091107" "2004 0139340" "20040193898" "20050271202" " 20050273630" "20050273631" "200600566 22" "20060177052" "20070076864" "20070 180541" "6028939" "6278783" "6295606" " 7159115" "7206408" "7386130" "7397916" " 7580519" "7587044").PN.	US-PGPUB; USPAT	OR	ON	2010/07/21 14:14
S28	1734	708/160,164,200,231,233,235,236,510,520, 523,530-534.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/21 14:57
S29	10	S28 and (obfuscat\$3 obscur\$5) with (function calculation operation) and (valid\$7 verif\$7 check\$3 compar\$3 authenticat\$3 authoriz\$5) with (intermed\$5 function calculation operation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/21 14:57
S30	15	S28 and (obfuscat\$3 obscur\$5) with (function calculation operation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/21 14:58

## EAST Search History (Prior Art)

S31	5	S30 not S29	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/21 14:58
S32	2	S19 and S28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/21 14:58
S33	685	S28 and (valid\$7 verif\$7 check\$3 compar\$3 authenticat\$3 authoriz\$5) with (intermed\$5 function calculation operation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/21 14:59
S34	2	(power near analysis dpa) and S33	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/21 14:59
S35	1	(S20 S28) and (inject\$3 one\$1to\$1one) and (surject\$3 "onto") with function	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/21 15:00
S36	5	(S20 S28) and (surject\$3 "onto") with function	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/21 15:01

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L18	9	(verif\$7 with intermediat\$3 with calculat\$3). cm.	US-PGPUB; UPAD	OR	ON	2010/07/28 18:13
L20	195	(verif\$7 with function\$4 with calculat\$3). cm.	US-PGPUB; UPAD	OR	ON	2010/07/28 18:18
L21	8	20 and intermediat\$3.cm.	US-PGPUB; UPAD	OR	ON	2010/07/28 18:18

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	51	verif\$7 with intermediat\$3 with calculat\$3	US-PGPUB; UPAD	OR	ON	2010/07/29 10:33